

# Spring River Watershed

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## Stream Water Quality and Watershed Activities

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Mike Kruse



**MISSOURI**  
DEPARTMENT OF  
NATURAL RESOURCES

# Part I

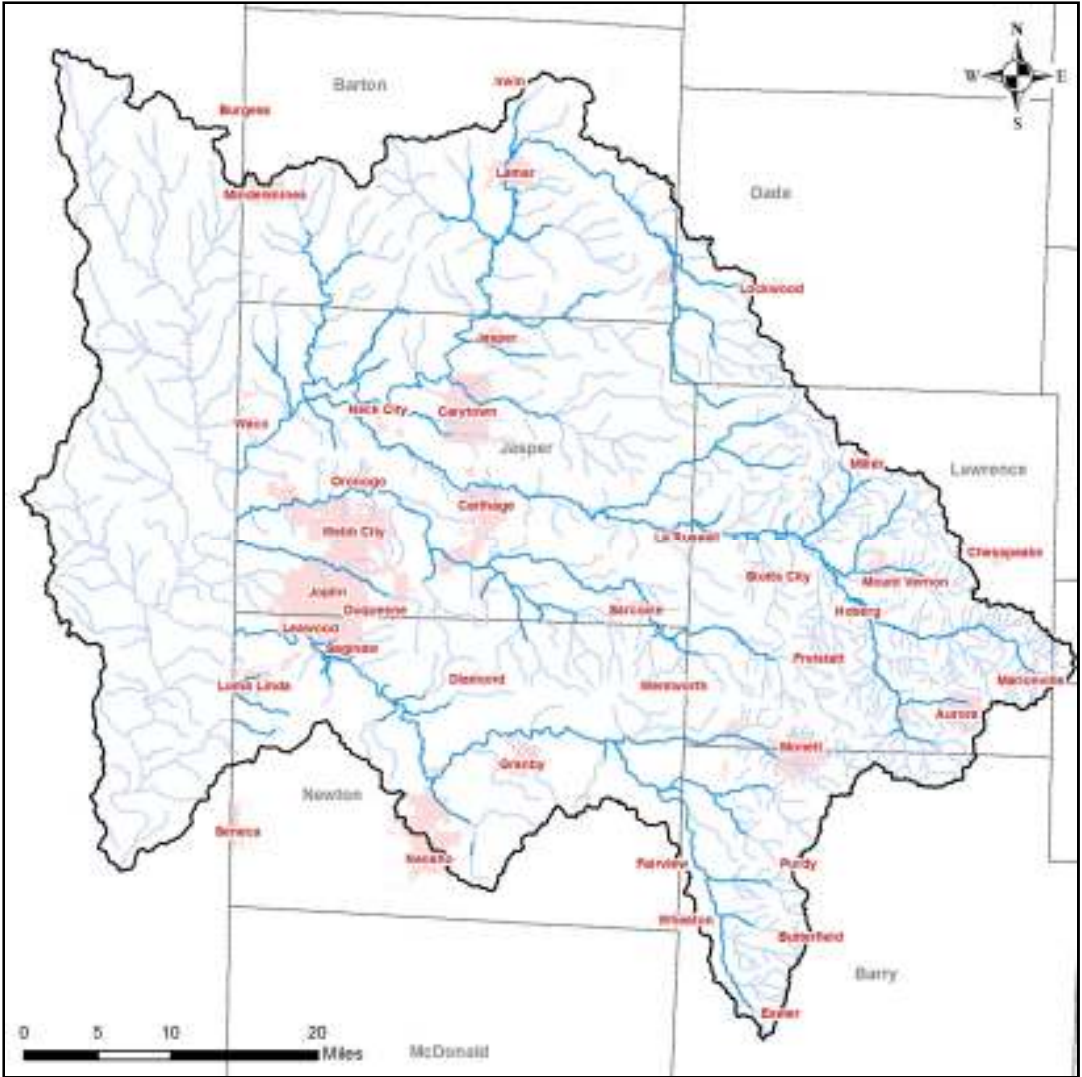
## Water Quality

# Classified Waters

- 3 Lakes
- 88 Stream Segments

## Designated Uses Include

- Whole Body Contact Recreation
- Aquatic Life Use Protections

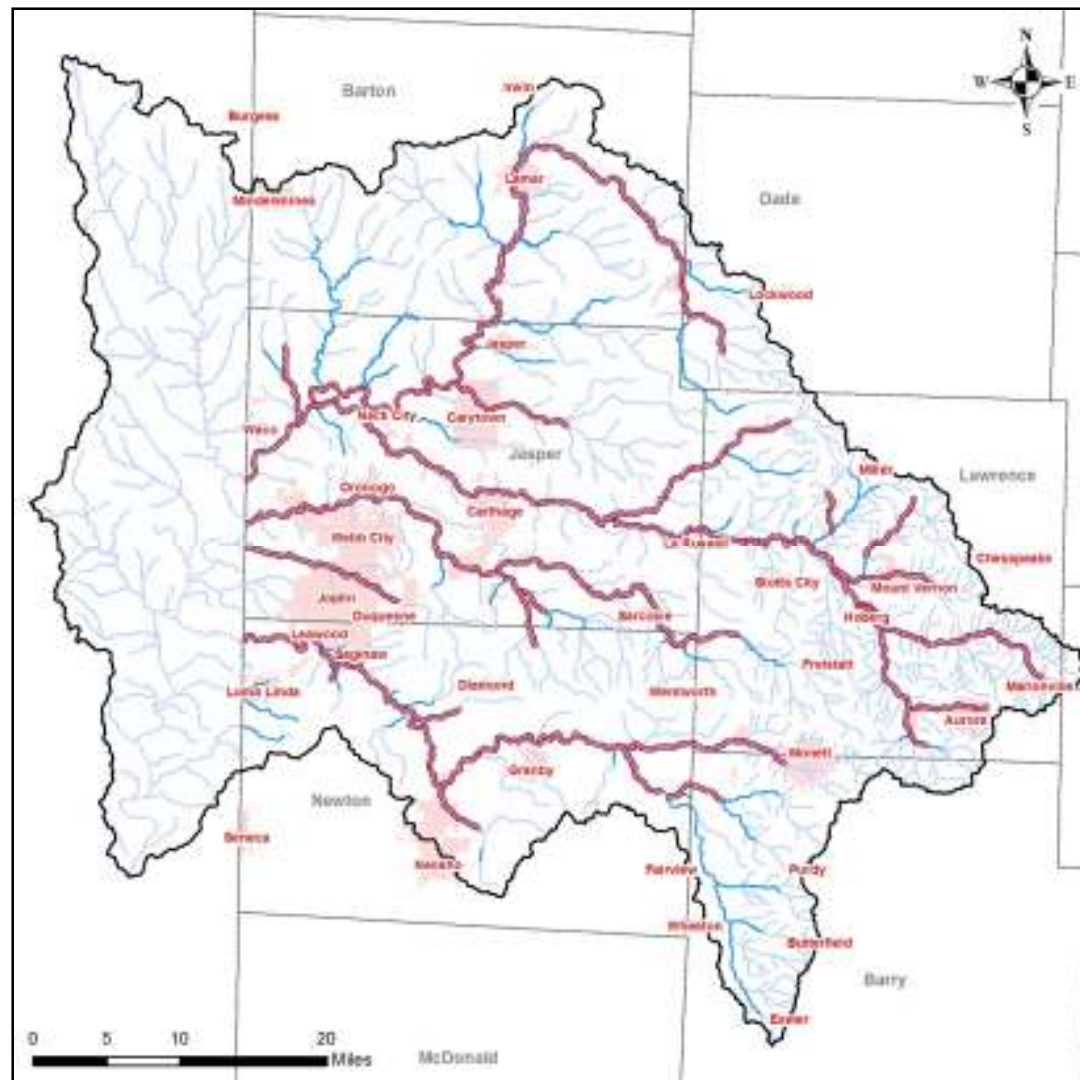


# Impaired Waters

- 0 Lakes
- 32 Stream Segments

Most Common Pollutants

- Bacteria (*E. coli*)
- Various Metals





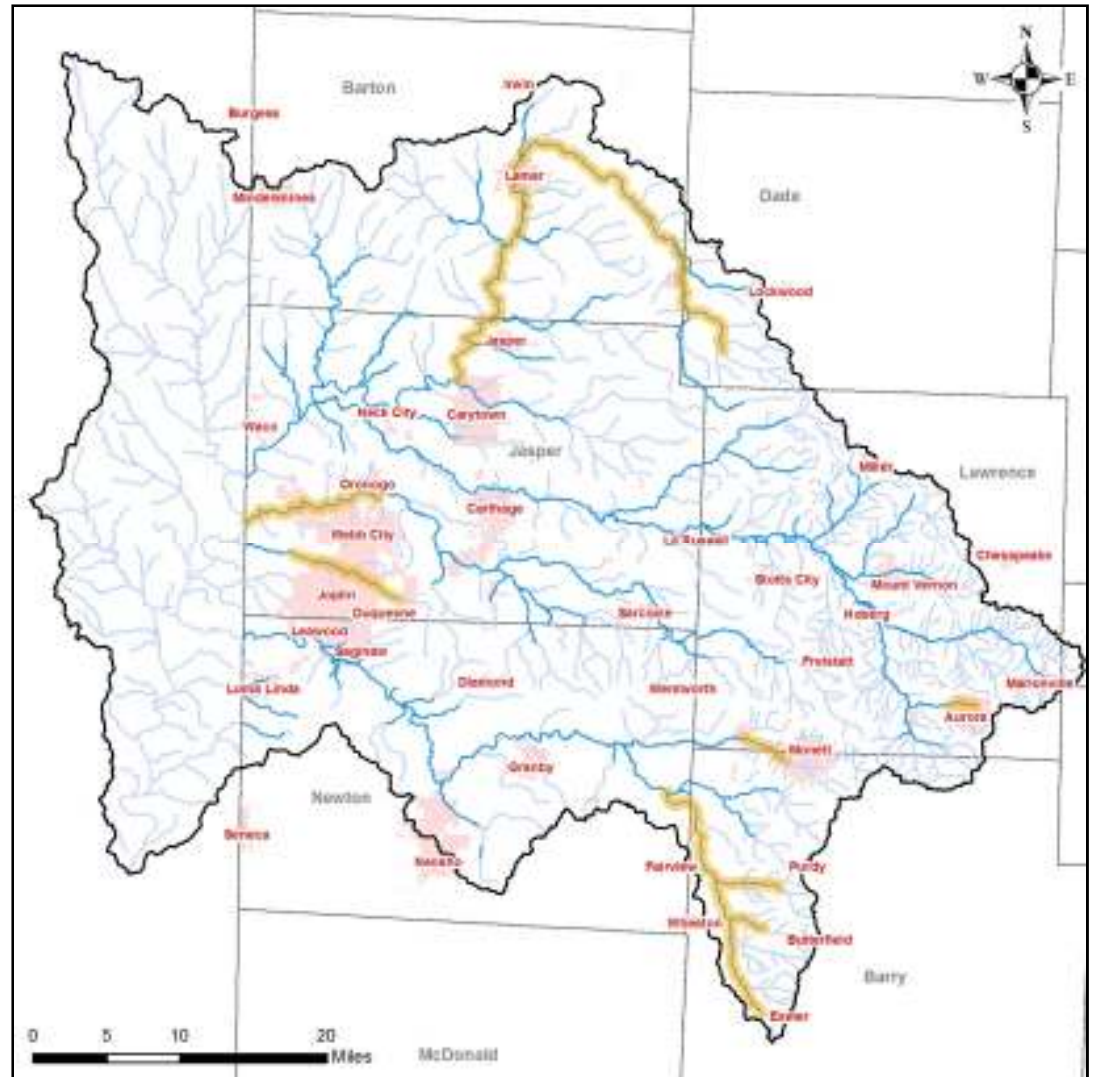
# Waters with TMDLs

- 1 Lake TMDL
- 12 Stream TMDLs

Most Common Pollutants

- Metals (Zinc)
- Bacteria (Fecal Coliform)

TMDL = WLA + LA + MOS



# Part II

## Watershed Activities

# Section 319 Nonpoint Source Implementation Program

**\$1.3 Million** Awarded for Recent Projects in the Spring River Watershed!



Section 319 funded projects are ongoing for up to three years.  
The most recently funded project is expected to conclude in 2015.

The State receives grant funding to support a wide variety of activities including technical assistance, financial assistance, education, training, technology transfer, demonstration projects and monitoring to assess the success of specific nonpoint source implementation projects.

# Soil & Water Conservation Program

## **Cost-Share Practice Categories**

- Sheet, Rill and Gully Erosion
- Grazing Management
- Irrigation Management
- Animal Waste Management
- Nutrient and Pest Management
- Sensitive Areas
- Woodland Erosion



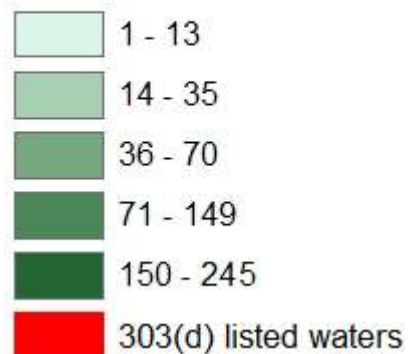
Landowners can receive up to 75 percent of the estimated cost of the practice to be reimbursed after the practice has gone through a certification process.



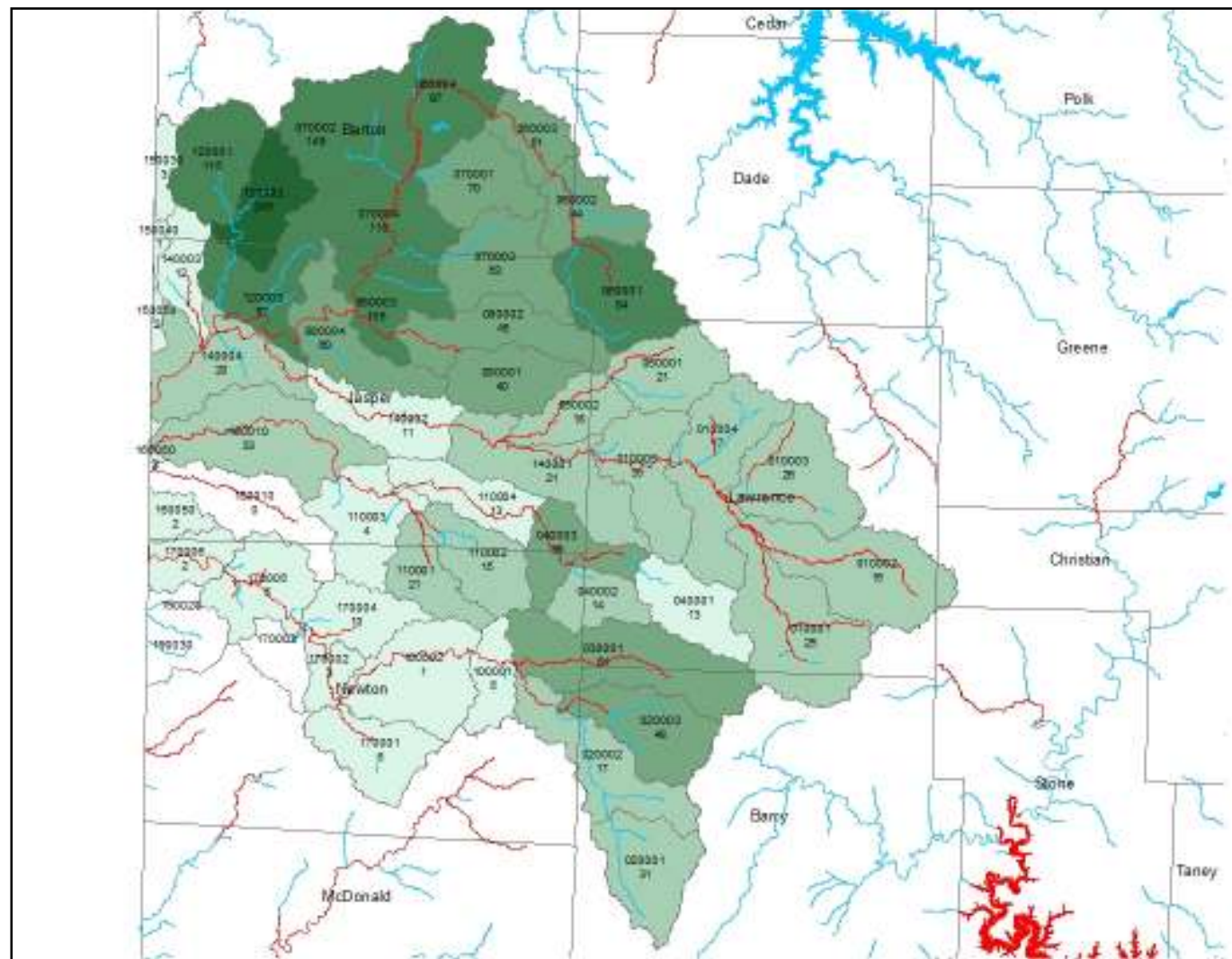
# Missouri Department of Natural Resources

## SWCP Completed Practices FY2003 - FY2012

### Practices Completed

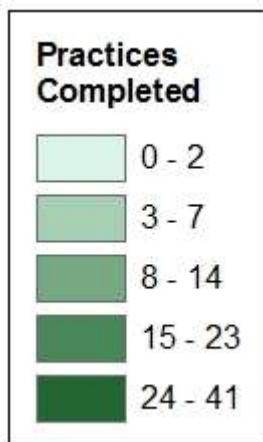


**Overall Investment:** \$4,434,454  
**Total Practices:** 1,936

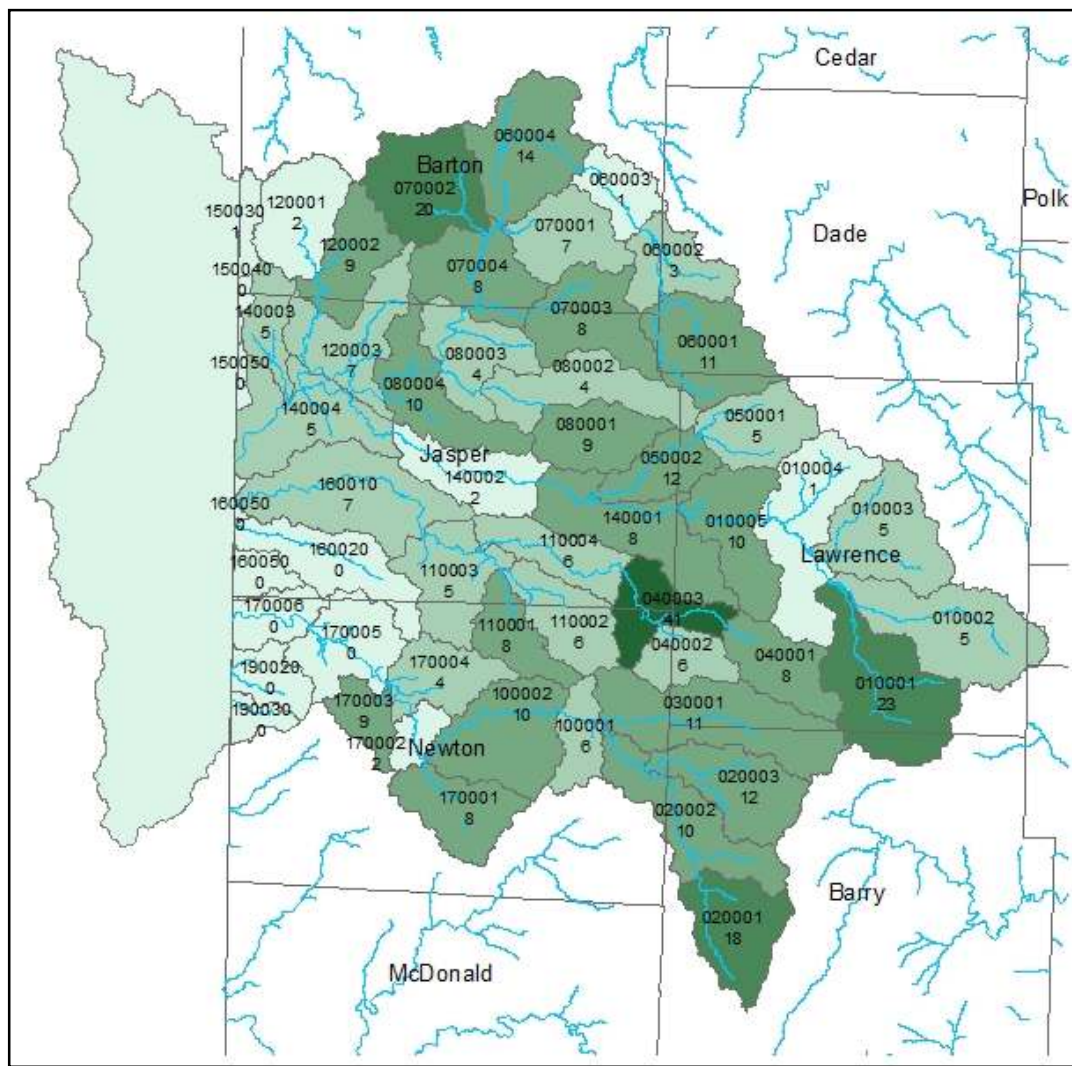


# Missouri Department of Natural Resources

## SWCP Completed Practices FY 2013 (as of April 1, 2013)



**Overall Investment: \$1,311,555**  
**Total Practices: 376**



## MoDNR Contact information:

### **Water Protection Program**

800-361-4827

[cleanwater@dnr.mo.gov](mailto:cleanwater@dnr.mo.gov)

### **Soil & Water Conservation Program**

800-361-4827

[soils@dnr.mo.gov](mailto:soils@dnr.mo.gov)